

|   |                                      |                                      |
|---|--------------------------------------|--------------------------------------|
| <b>Search Notes</b><br> | <b>Application No.</b><br>10/645,138 | <b>Applicant(s)</b><br>CHIARI ET AL. |
|   | <b>Examiner</b><br>Kenneth W Bower   | <b>Art Unit</b><br>3653              |
|   |                                      |                                      |

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| INTERFERENCE SEARCHED |          |      |          |
|-----------------------|----------|------|----------|
| Class                 | Subclass | Date | Examiner |
|                       |          |      |          |
|                       |          |      |          |
|                       |          |      |          |
|                       |          |      |          |

|   | Search Text  | Hits       | DBs   |
|---|--|------------|---|
| 1 | <b>"INVENTORS APPROACH to PROBLEM - WORD SEARCH.:"</b><br><b>(control controller controlling controlled controls)</b><br><b>same (synchronize synchronizing synchronizes synchronized synchronization)</b>   | 1735<br>23 | <b>USPAT;</b><br><b>US-PGP</b><br><b>UB;</b><br><b>EPO;</b><br><b>JPO;</b><br><b>DERWE NT;</b><br><b>IBM_TD B</b> |
| 2 | <b>"CLAIMED ELEMENTS - WORD SEARCH.:"</b><br><b>"position signal" same (belt belts band bands cable cables cabling chain chains convey conveyor conveying conveyors conveyance conveyances conveyable endless escalator guideway guideways line lines transport transporting transports transported</b><br><b>transportable cylinder cylinders disk disks drum drums feedroller nip nips path roller rollers roll rolls rotary wheel wheels) same</b><br><b>(control controller controlling controlled controls)</b>   | 8784       | <b>USPAT;</b><br><b>US-PGP</b><br><b>UB;</b><br><b>EPO;</b><br><b>JPO;</b><br><b>DERWE NT;</b><br><b>IBM_TD B</b> |
| 3 | <b>("APPLICATION No (AN). .:"</b><br><b>10/645,138) ("APPLICANT CITED INFORMATION (IDS).:"</b><br><b>3184229.pn. 4093904.pn. 4453436.pn. 5348285.pn.)</b><br><b>("PATENT ART (US).:"</b><br><b>"By means to convey sheet (e.g., from pack to operation) .:"</b> 271/264.ccls. <b>"With means to vary speed of conveyor sheet .:"</b> 271/270.ccls. <b>"Endless conveyors to other conveyors .:"</b> 271/69.ccls. <b>"With transfer means between conveyor and receiver.:"</b><br><b>271/306.ccls.</b> <b>"With means to vary speed of sheets on conveyor(s).:"</b> 271/202.ccls. <b>"Condition responsive control of conveyor or station apparatus.:"</b><br><b>198/341.01.ccls.</b> <b>"Conveyor responsive to station operation.:"</b> 198/341.08.ccls. <b>"Speed control.:"</b><br><b>198/341.09.ccls.</b> <b>"Position or alignment.:"</b><br><b>101/485.ccls.</b> <b>"Speed control of conveyance.:"</b><br><b>399/396.ccls.</b> <b>"Product mover including gripper means.:"</b> 83/151.ccls.) | 2649       | <b>USPAT;</b><br><b>US-PGP</b><br><b>UB;</b><br><b>EPO;</b><br><b>JPO;</b><br><b>DERWE NT;</b><br><b>IBM_TD B</b> |

|   | <b>Search Text</b>   | <b>Hits</b> | <b>DBs</b>  |
|---|--|-------------|---|
| 4 | <p><b>"PATENT ART (US).:"</b></p> <p>"By means to convey sheet (e.g., from pack to operation) .:" 271/264.ccls. "With means to vary speed of conveyor sheet .:" 271/270.ccls. "Endless conveyors to other conveyors .:" 271/69.ccls. "With transfer means between conveyor and receiver.:"</p> <p>271/306.ccls. "With means to vary speed of sheets on conveyor(s).:" 271/202.ccls. "Condition responsive control of conveyor or station apparatus.:"</p> <p>198/341.01.ccls. "Conveyor responsive to station operation.: 198/341.08.ccls. "Speed control.:"</p> <p>198/341.09.ccls. "Position or alignment.:"</p> <p>101/485.ccls. "Speed control of conveyance.:"</p> <p>399/396.ccls. "Product mover including gripper means.: 83/151.ccls.</p>   | 2644        | <b>USPAT;</b><br><b>US-PGP</b><br><b>UB;</b><br><b>EPO;</b><br><b>JPO;</b><br><b>DERWE</b><br><b>NT;</b><br><b>IBM_TD</b><br><b>B</b> |
| 5 | <p><b>"WITHIN FIELD OF SEARCH (AN, IDS,US,IPC).:"</b></p> <p>(<b>"APPLICATION No (AN). .:"</b></p> <p><b>10/645,138</b>) (<b>"APPLICANT CITED INFORMATION (IDS).:"</b></p> <p><b>3184229.pn. 4093904.pn. 4453436.pn. 5348285.pn.)</b></p> <p><b>("PATENT ART (US).:"</b></p> <p>"By means to convey sheet (e.g., from pack to operation) .:" 271/264.ccls. "With means to vary speed of conveyor sheet .:" 271/270.ccls. "Endless conveyors to other conveyors .:" 271/69.ccls. "With transfer means between conveyor and receiver.:"</p> <p>271/306.ccls. "With means to vary speed of sheets on conveyor(s).:" 271/202.ccls. "Condition responsive control of conveyor or station apparatus.:"</p> <p>198/341.01.ccls. "Conveyor responsive to station operation.: 198/341.08.ccls. "Speed control.:"</p> <p>198/341.09.ccls. "Position or alignment.:"</p> <p>101/485.ccls. "Speed control of conveyance.:"</p> <p>399/396.ccls.)</p> | 2518        | <b>USPAT;</b><br><b>US-PGP</b><br><b>UB;</b><br><b>EPO;</b><br><b>JPO;</b><br><b>DERWE</b><br><b>NT;</b><br><b>IBM_TD</b><br><b>B</b> |

|   | <b>Search Text</b>  | <b>Hits</b> | <b>DBs</b>   |
|---|---|-------------|--|
| 6 | <b>"PATENT ART (US).:"</b><br>"By means to convey sheet (e.g., from pack to operation) .:" 271/264.ccls. "With means to vary speed of conveyor sheet .:" 271/270.ccls. "Endless conveyors to other conveyors .:" 271/69.ccls. "With transfer means between conveyor and receiver.:"<br>271/306.ccls. "With means to vary speed of sheets on conveyor(s).:" 271/202.ccls. "Condition responsive control of conveyor or station apparatus.:"<br>198/341.01.ccls. "Conveyor responsive to station operation.:"<br>198/341.08.ccls. "Speed control.:"<br>198/341.09.ccls. "Position or alignment.:"<br>101/485.ccls. "Speed control of conveyance.:"<br>399/396.ccls. | 2513        | <b>USPAT;</b><br><b>US-PGP</b><br><b>UB;</b><br><b>EPO;</b><br><b>JPO;</b><br><b>DERVENT;</b><br><b>IBM_TD</b><br><b>B</b> |
| 7 | (" <b>APPLICANT(S) NAME(S).:</b> "<br>(mauro near4 chiari).in.) (" <b>APPLICANT(S) NAME(S).:</b> "<br>(daniel near4 tapis).in.) (" <b>ASSIGNEE(S) NAME(S).:</b> "<br>bobst.as.)   | 726         | <b>USPAT;</b><br><b>US-PGP</b><br><b>UB;</b><br><b>EPO;</b><br><b>JPO;</b><br><b>DERVENT;</b><br><b>IBM_TD</b><br><b>B</b> |
| 8 | " <b>ASSIGNEE(S) NAME(S).:</b> "<br>bobst.as.   | 726         | <b>USPAT;</b><br><b>US-PGP</b><br><b>UB;</b><br><b>EPO;</b><br><b>JPO;</b><br><b>DERVENT;</b><br><b>IBM_TD</b><br><b>B</b> |

|    | <b>Search Text</b>   | <b>Hits</b> | <b>DBs</b>  |
|----|--|-------------|---|
| 9  | <p><b>("APPLICANT(S) NAME(S).:"</b><br/> <b>(mauro near4 chiari).in.) ("APPLICANT(S) NAME(S).:"</b><br/> <b>(daniel near4 tapis).in.) ("ASSIGNEE(S) NAME(S).:"</b><br/> <b>bobst.as.)</b></p>  | 726         | <b>USPAT;</b><br><b>US-PGP</b><br><b>UB;</b><br><b>EPO;</b><br><b>JPO;</b><br><b>DERWE</b><br><b>NT;</b><br><b>IBM_TD</b><br><b>B</b> |
| 10 | <p><b>("INVENTORS APPROACH to PROBLEM - WORD SEARCH.:"</b><br/> <b>(control controller controlling controlled controls)</b><br/> <b>same (synchronize synchronizing synchronizes synchronized synchronization)) and ("PATENT ART (US).:"</b><br/> <b>"By means to convey sheet (e.g., from pack to operation) .:"</b> 271/264.ccls. <b>"With means to vary speed of conveyor sheet .:"</b> 271/270.ccls. <b>"Endless conveyors to other conveyors .:"</b> 271/69.ccls. <b>"With transfer means between conveyor and receiver.:"</b> 271/306.ccls. <b>"With means to vary speed of sheets on conveyor(s).:"</b> 271/202.ccls. <b>"Condition responsive control of conveyor or station apparatus.:"</b> 198/341.01.ccls. <b>"Conveyor responsive to station operation.:"</b> 198/341.08.ccls. <b>"Speed control.:"</b> 198/341.09.ccls. <b>"Position or alignment.:"</b> 101/485.ccls. <b>"Speed control of conveyance.:"</b> 399/396.ccls.)</p> | 152         | <b>USPAT;</b><br><b>US-PGP</b><br><b>UB;</b><br><b>EPO;</b><br><b>JPO;</b><br><b>DERWE</b><br><b>NT;</b><br><b>IBM_TD</b><br><b>B</b> |
| 11 | <p><b>"PROBLEM The INVENTION SOLVES - WORD SEARCH.:"</b><br/> <b>(cardboard boxboard) same (converting cutting punching blanking process) same (register registered registering registration)</b></p>  | 118         | <b>USPAT;</b><br><b>US-PGP</b><br><b>UB;</b><br><b>EPO;</b><br><b>JPO;</b><br><b>DERWE</b><br><b>NT;</b><br><b>IBM_TD</b><br><b>B</b> |

|    | <b>Search Text</b>   | <b>Hits</b> | <b>DBs</b>  |
|----|--|-------------|---|
| 12 | <b>"INVENTORS APPROACH to PROBLEM - WORD SEARCH.:"</b><br><b>conveyor same station same position same (detect detector detectors detects detecting detectable detection detected encoder sense sensor sensors sensing sensed) same (synchronize synchronizing synchronizes synchronized synchronization)</b> | 100         | <b>USPAT;<br/>US-PGP<br/>UB;<br/>EPO;<br/>JPO;<br/>DERWE NT;<br/>IBM_TD B</b> |
| 13 | <b>"PROBLEM The INVENTION SOLVES - WORD SEARCH.:"</b><br><b>(cardboard boxboard) same (converting process) same (register registered registering registration)</b>   | 55          | <b>USPAT;<br/>US-PGP<br/>UB;<br/>EPO;<br/>JPO;<br/>DERWE NT;<br/>IBM_TD B</b> |
| 14 | <b>"APPLICANT(S) NAME(S).:"</b><br><b>(mauro near4 chiari).in.</b>   | 18          | <b>USPAT;<br/>US-PGP<br/>UB;<br/>EPO;<br/>JPO;<br/>DERWE NT;<br/>IBM_TD B</b> |

|    | <b>Search Text</b>   | <b>Hits</b> | <b>DBs</b>   |
|----|--|-------------|--|
| 15 | <p><b>("CLAIMED ELEMENTS - WORD SEARCH.:"</b></p> <p><b>"position signal" same (belt belts band bands cable cables cabling chain chains convey conveyor conveying conveyors conveyance conveyances conveyable endless escalator guideway guideways line lines transport transporting transports transported transportable cylinder cylinders disk disks drum drums feedroller nip nips path roller rollers roll rolls rotary wheel wheels) same</b></p> <p><b>(control controller controlling controlled controls)</b></p> <p><b>) and ("PATENT ART (US).:"</b></p> <p><b>"By means to convey sheet (e.g., from pack to operation) .:"</b> 271/264.ccls. "With means to vary speed of conveyor sheet .:" 271/270.ccls. "Endless conveyors to other conveyors .:" 271/69.ccls. "With transfer means between conveyor and receiver.:" 271/306.ccls. "With means to vary speed of sheets on conveyor(s).:" 271/202.ccls. "Condition responsive control of conveyor or station apparatus.:" 198/341.01.ccls. "Conveyor responsive to station operation.:" 198/341.08.ccls. "Speed control.:" 198/341.09.ccls. "Position or alignment.:" 101/485.ccls. "Speed control of conveyance.:" 399/396.ccls.)</p> | 16          | <b>USPAT;<br/>US-PGP<br/>UB;<br/>EPO;<br/>JPO;<br/>DERVENT;<br/>IBM_TD<br/>B</b> |
| 16 | <p><b>"PROBLEM The INVENTION SOLVES - WORD SEARCH.:"</b></p> <p><b>(cardboard boxboard) same (converting process) same (synchronize synchronizing synchronizes synchronized synchronization)</b></p>   | 9           | <b>USPAT;<br/>US-PGP<br/>UB;<br/>EPO;<br/>JPO;<br/>DERVENT;<br/>IBM_TD<br/>B</b> |

|    | <b>Search Text</b>   | <b>Hits</b> | <b>DBs</b>  |
|----|--|-------------|---|
| 17 | <p><b>(("APPLICANT(S) NAME(S).:"</b><br/> <b>(mauro near4 chiari).in.) ("APPLICANT(S) NAME(S).:"</b><br/> <b>(daniel near4 tapis).in.) ("ASSIGNEE(S) NAME(S).:"</b><br/> <b>bobst.as.) and (("APPLICATION No (AN). .:"</b><br/> <b>10/645,138) ("APPLICANT CITED INFORMATION (IDS).:"</b><br/> <b>3184229.pn. 4093904.pn. 4453436.pn. 5348285.pn.)</b><br/> <b>("PATENT ART (US).:"</b><br/> <b>"By means to convey sheet (e.g., from pack to</b><br/> <b>operation) .:" 271/264.ccls. "With means to vary</b><br/> <b>speed of conveyor sheet .:" 271/270.ccls. "Endless</b><br/> <b>conveyors to other conveyors .:" 271/69.ccls. "With</b><br/> <b>transfer means between conveyor and receiver.:"</b><br/> <b>271/306.ccls. "With means to vary speed of sheets on</b><br/> <b>conveyor(s).:" 271/202.ccls. "Condition responsive</b><br/> <b>control of conveyor or station apparatus.:"</b><br/> <b>198/341.01.ccls. "Conveyor responsive to station</b><br/> <b>operation.:"</b> 198/341.08.ccls. "Speed control.:"<br/> <b>198/341.09.ccls. "Position or alignment.:"</b><br/> <b>101/485.ccls. "Speed control of conveyance.:"</b><br/> <b>399/396.ccls. "Product mover including gripper</b><br/> <b>means.:"</b> 83/151.ccls.))</p> | 9           | <b>USPAT;</b><br><b>US-PGP</b><br><b>UB;</b><br><b>EPO;</b><br><b>JPO;</b><br><b>DERWE</b><br><b>NT;</b><br><b>IBM_TD</b><br><b>B</b> |

|    | <b>Search Text</b>  | <b>Hits</b> | <b>DBs</b>  |
|----|---|-------------|---|
| 18 | <p>((<b>APPLICANT(S) NAME(S).:</b><br/> <b>(mauro near4 chiari).in.)</b> ("<b>APPLICANT(S) NAME(S).:</b><br/> <b>(daniel near4 tapis).in.)</b> ("<b>ASSIGNEE(S) NAME(S).:</b><br/> <b>bobst.as.)</b>) and ("<b>WITHIN FIELD OF SEARCH (AN, IDS,US,IPC).:</b>"<br/> <b>("APPLICATION No (AN). .:"</b><br/> <b>10/645,138)</b> ("<b>APPLICANT CITED INFORMATION (IDS).:</b>"<br/> <b>3184229.pn. 4093904.pn. 4453436.pn. 5348285.pn.)</b><br/> <b>("PATENT ART (US).:"</b><br/> <b>"By means to convey sheet (e.g., from pack to operation) .:"</b> 271/264.ccls. <b>"With means to vary speed of conveyor sheet .:"</b> 271/270.ccls. <b>"Endless conveyors to other conveyors .:"</b> 271/69.ccls. <b>"With transfer means between conveyor and receiver.:"</b> 271/306.ccls. <b>"With means to vary speed of sheets on conveyor(s).:"</b> 271/202.ccls. <b>"Condition responsive control of conveyor or station apparatus.:"</b> 198/341.01.ccls. <b>"Conveyor responsive to station operation.:"</b> 198/341.08.ccls. <b>"Speed control.:"</b> 198/341.09.ccls. <b>"Position or alignment.:"</b> 101/485.ccls. <b>"Speed control of conveyance.:"</b> 399/396.ccls.))</p> | 8           | <b>USPAT;<br/>US-PGP<br/>UB;<br/>EPO;<br/>JPO;<br/>DERWE<br/>NT;<br/>IBM_TD<br/>B</b> |
| 19 | <b>"APPLICANT CITED INFORMATION (IDS).:"</b><br><b>3184229.pn. 4093904.pn. 4453436.pn. 5348285.pn.</b>  | 4           | <b>USPAT</b>  |
| 20 | <b>"APPLICANT(S) NAME(S).:"</b><br><b>(daniel near4 tapis).in.</b>  | 4           | <b>USPAT;<br/>US-PGP<br/>UB;<br/>EPO;<br/>JPO;<br/>DERWE<br/>NT;<br/>IBM_TD<br/>B</b> |

|    | <b>Search Text</b>  | <b>Hits</b> | <b>DBs</b>  |
|----|---|-------------|---|
| 21 | <b>"INVENTORS APPROACH to PROBLEM - WORD SEARCH.:"</b><br><b>conveyor same "press station" same "position signal" same (synchronize synchronizing synchronizes synchronized synchronization)</b>  | 1           | <b>USPAT;<br/>US-PGP<br/>UB;<br/>EPO;<br/>JPO;<br/>DERWE<br/>NT;<br/>IBM_TD<br/>B</b> |
| 22 | <b>"INVENTORS APPROACH to PROBLEM - WORD SEARCH.:"</b><br><b>cardboard same position same (detect detector detectors detects detecting detectable detection detected encoder sense sensor sensors sensing sensed) same (synchronize synchronizing synchronizes synchronized synchronization)</b>  | 1           | <b>USPAT;<br/>US-PGP<br/>UB;<br/>EPO;<br/>JPO;<br/>DERWE<br/>NT;<br/>IBM_TD<br/>B</b> |
| 23 | <b>"APPLICATION No (AN). .:"</b><br><b>10/645,138</b>   | 1           | <b>USPAT;<br/>US-PGP<br/>UB;<br/>EPO;<br/>JPO;<br/>DERWE<br/>NT;<br/>IBM_TD<br/>B</b> |
| 24 | <b>"PROBLEM The INVENTION SOLVES - WORD SEARCH.:"</b><br><b>(cardboard "box board") same (converting process) same (synchronize synchronizing synchronizes synchronized synchronization) not ("PROBLEM The INVENTION SOLVES - WORD SEARCH.:")</b><br><b>(cardboard boxboard) same (converting process) same (synchronize synchronizing synchronizes synchronized synchronization)</b> | 0           | <b>USPAT;<br/>US-PGP<br/>UB;<br/>EPO;<br/>JPO;<br/>DERWE<br/>NT;<br/>IBM_TD<br/>B</b> |

|    | <b>Search Text</b>   | <b>Hits</b> | <b>DBs</b>  |
|----|--|-------------|---|
| 25 | <p><b>"INVENTORS APPROACH to PROBLEM - WORD SEARCH.:"</b></p> <p><b>conveyor same "press station" same position</b></p> <p><b>same(detect detector detectors detects detecting</b></p> <p><b>detectable detection detected encoder sense sensor</b></p> <p><b>sensors sensing sensed) same (synchronize</b></p> <p><b>synchronizing synchronizes synchronized</b></p> <p><b>synchronization)</b></p> | 0           | <b>USPAT;</b><br><b>US-PGP</b><br><b>UB;</b><br><b>EPO;</b><br><b>JPO;</b><br><b>DERWE</b><br><b>NT;</b><br><b>IBM_TD</b><br><b>B</b> |

|   | L #      | Search Text  | Hits             | DBs   |
|---|----------|--|------------------|---|
| 1 | L1       | "APPLICATION No (AN). :"<br>10/645,138   | 1                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 2 | L2       | "APPLICANT CITED INFORMATION (IDS).:"<br>3184229.pn. 4093904.pn. 4453436.pn.<br>5348285.pn.  | 4                | USPAT   |
| 3 | L3       | "PATENT ART (US).:"<br>"By means to convey sheet (e.g., from pack to operation) :" 271/264.ccls. "With means to vary speed of conveyor sheet :" 271/270.ccls.<br>"Endless conveyors to other conveyors :" 271/69.ccls. "With transfer means between conveyor and receiver :" 271/306.ccls. "With means to vary speed of sheets on conveyor(s)." 271/202.ccls. "Condition responsive control of conveyor or station apparatus :" 198/341.01.ccls. "Conveyor responsive to station operation :" 198/341.08.ccls. "Speed control :" 198/341.09.ccls. "Position or alignment :" 101/485.ccls. "Speed control of conveyance :" 399/396.ccls. "Product mover including gripper means :" 83/151.ccls. | 2<br>6<br>4<br>4 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 4 | L4 1 2 3 |  | 2<br>6<br>4<br>9 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 5 | L5       | "APPLICANT(S) NAME(S).:"<br>(mauro near4 chiari).in.   | 1<br>8           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |

|    | L<br>#  | Search Text   | H<br>it<br>s | DBs   |
|----|---------|---|--------------|---|
| 6  | L6      | "APPLICANT(S) NAME(S).:"<br>(daniel near4 tapis).in.  | 4            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 7  | L7      | "ASSIGNEE(S) NAME(S).:"<br>bobst.as.  | 7<br>2<br>6  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 8  | L8      | 5 6 7   | 7<br>2<br>6  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 9  | L9      | 8 and 4   | 9            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 10 | L1<br>0 | "PROBLEM The INVENTION SOLVES - WORD<br>SEARCH.:"<br>(cardboard boxboard) same (converting<br>process) same (register registered registering<br>registration)                           | 5<br>5       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 11 | L1<br>1 | "PROBLEM The INVENTION SOLVES - WORD<br>SEARCH.:"<br>(cardboard boxboard) same (converting cutting<br>punching blanking process) same (register<br>registered registering registration) | 1<br>1<br>8  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |